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|-------------------------------|------------------------|---------------------|--|
| Notice of Allowability | Application No. | Applicant(s) | |
| | 09/819,195 | FUJIYAMA ET AL. | |
| | Examiner | Art Unit | |
| | Anh-Vu H Ly | 2667 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed February 24, 2005.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☒ The drawings filed on 28 March 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-10 are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art does not teach or fairly suggest wherein, when a request for transmission for transmitting data packets to the right direction is generated by the right terminal equipment, each intermediate equipment writes a request for transmission in a token packet of a packet trailer on the left direction; and when a request for transmission for transmitting data packets to the left direction is generated by the left terminal equipment; each intermediate equipment writes a request for transmission in a token packet of a packet trailer on the right direction line; and wherein, when the request for transmission for transmitting data packets to the right direction is generated, the right terminal equipment prepares a packet trailer having data packet storage area to ensure a reservation area for each intermediate equipment, based on the request for transmission of the intermediate equipment, which is written in the token packet of the packet trailer prepared by the right terminal equipment, and when the request for transmission for transmitting data packets to the left direction is generated, the left terminal equipment prepares a packet trailer having data packet storage area to ensure a reservation area for each intermediate equipment, based on the request for transmission of the intermediate equipment, which is written in the token packet of the packet trailer prepared by the left terminal equipment; and wherein each intermediate equipment stores the data packet in the reservation area of the packet trailer and transmits the data packet to a destination node, as specified in independent claim 1.

The prior art does not teach or fairly suggest means for preparing packet trailers each having a storage area to store token packets and data packets and for transmitting the packet trailers on the two-way transmission line toward another terminal equipment; means for storing transmission rights in token packets of the prepared packet trailers, in which the transmission rights are applied to intermediate equipment, based on requests for transmission of the intermediate equipment written in the packet trailers transmitted from the other terminal equipment, and for transmitting the prepared packet trailers including the token packets toward the other terminal equipment; means for writing requests for transmission in token packets of the packet trailers transmitted by the other terminal equipment; and means for storing the transmission data in packet trailers in accordance with the transmission rights of the token packets including the requests for transmission written in the packet trailers prepared by the terminal equipment, and for transmitting the packet trailers prepared by the terminal equipment toward the other terminal equipment, as specified in independent claim 2.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anh-Vu H Ly whose telephone number is 571-272-3175. The examiner can normally be reached on Monday-Friday 7:00am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on 571-272-3179. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

avl


CHI PHAM
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2667 4/21/05